

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 89-048

WASTE DISCHARGE REQUIREMENTS FOR:

AUBERGE DU SOLEIL
RUTHERFORD, NAPA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. The Moana Corporation (hereinafter called the Discharger) operates a restaurant and 48 unit inn (Auberge du Soleil) at 180 Rutherford Hill Road, Rutherford, Napa County. Wastewater is treated using septic tanks and aeration ponds, with summer spray disposal.
2. On November 21, 1984, prior to the construction of the inn, and expansion of the restaurant, the Board adopted Waste Discharge Requirements (Order No. 84-80) for the discharge. The requirements were based upon the original treatment and disposal system design which, at that time, was based upon a smaller restaurant and inn. In 1985 and 1986, the staff of the Board approved a twenty five seat addition to the restaurant and a 12 unit expansion of the inn, with minor modifications to the sewage handling facilities. These modifications included an additional septic tank between the new units and Pump Station #1, an overflow septic tank from that pump station, an 0.05 acre addition to the spray disposal area, and an increase in the disposal rate to 2.25 in/week, from 2.0 in/week.
3. During the wet weather season, waste water is stored and treated in the aeration ponds. From approximately April 15 to October 15 of each year, effluent from the ponds is pumped to a 2.0 acre disposal site at a rate of approximately 2-2.25 in/week. The spray disposal area is a moderately wooded area located to the north of the pond system. The slope of the area ranges from 15% to 40%. Surface runoff from the disposal area is diverted back to the treatment ponds via drainage ditches.
4. A previously existing subsurface leachfield has been abandoned.
5. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin) on December 17, 1986. The Basin Plan contains water quality objectives for the Napa

River and its tributaries.

6. The beneficial uses contained in the Basin Plan for the Napa River downstream from the vicinity of the Auberge du Soleil are:
 - a. Navigation
 - b. Water contact and non contact recreation
 - c. Warm and cold fresh water habitat
 - d. Wildlife habitat
 - e. Preservation of rare and endangered species
 - f. Fish migration and spawning
 - g. Municipal, agricultural, and domestic supply
7. The beneficial uses the Napa Valley groundwater as set forth in the Basin Plan include:
 - a. domestic water supply
 - b. agricultural water supply
8. The issuance of waste discharge requirements for the discharge is exempt from the provisions of Chapter 3 (CEQA), Division 6, Title 14 of the California Administrative Code pursuant to Section 15301 (existing facilities) of that Chapter.
9. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the Auberge du Soleil, pursuant to the provisions of Division 7 of the California Water Code, and regulations adopted thereunder, shall comply with the following:

A. Prohibitions

1. There shall be no bypass or overflow of waste to water of the State from the collection, treatment and storage system.
2. The waste shall not be allowed to escape from the Discharger's aeration ponds and spray disposal site into waters of the state via surface or subsurface flow, seepage, resurfacing after percolation or airborne spray.
3. Discharging effluent from the ponds except into the designated spray disposal area is prohibited.
4. Wastewater ponding which could provide a breeding area for mosquitos is prohibited.

B. Discharge Specifications

General

1. Neither the treatment nor disposal of wastes shall create a nuisance as defined in the California Water Code.
2. The discharge of waste shall not degrade the quality of any groundwater suitable for use as domestic or irrigation water supply.
3. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.
4. Holding ponds and the spray disposal area shall be fenced to exclude public contact with wastewater and shall be clearly identified with posted notices or warning signs.

Holding Ponds

5. The ponds shall be adequately protected from erosion, washout and flooding from a rainfall event having a predicted frequency of once in 100 years.
6. To prevent the threat of overflows, a minimum feet of two feet shall be maintained in the ponds at all times.
7. Waste at the surface of the ponds shall meet the following water quality limits at all times:

In any grab sample:

Dissolved Oxygen	2.0 mg/l minimum
Dissolved Sulfide	0.1 mg/l maximum
pH	6.0 minimum 9.0 maximum

8. Waste discharged to the pond system shall not exceed an average of 11,600 gallons per day for any month, or an average of 10,060 gallons per day for any year.

C. Spray Disposal Area

1. No waste shall be applied to the spray disposal area during the periods from November 1 through April 15 or when precipitation or wastewater ponding is occurring.
2. Waste shall not be applied within 100 feet of any stream, well, or housing facility.

3. Surface runoff from the spray disposal area during periods that it is in use shall be collected and diverted back to the holding ponds.

D. Effluent Limits

1. The wastewater as discharged into the spray disposal area shall at all times be an adequately treated wastewater, and shall meet the following water quality limits at all times:

BOD	40 mg/l daily average
Settleable Solids	0.5 ml/l-hr maximum
Dissolved Oxygen	2.0 mg/l minimum
Dissolved Sulfide	0.1 mg/l maximum

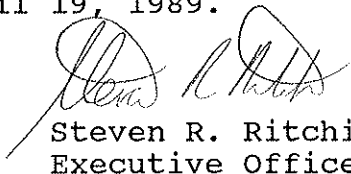
E. Provisions

1. The discharger shall comply with all Sections of this Order immediately upon adoption.
2. By October 1 of each year, the discharger shall submit a report to the satisfaction of the Executive Officer of the Board containing monthly mass balance calculations for the ponds and spray disposal system for the upcoming year. The report will include anticipated monthly freeboard measurements, monthly anticipated rainfall and evaporation, and charts or tables that detail the relationship between the water depth and volume in each pond.
3. The discharger shall comply with the attached Self-Monitoring Program.
4. When an approved sanitary sewer is within 400 feet of the ponds, the discharger shall submit a technical report and time schedule to the satisfaction of the Executive Officer which describes how the ponds will be abandoned and connection made to the sanitary sewer.
5. In the event that the discharger is unable to comply with any of the conditions of this Order, the discharger due to
 - a. Breakdown of waste treatment equipment;
 - b. Accidents caused by human error or negligence; or
 - c. Other causes, such as acts of nature

the discharger shall notify the Executive Officer by telephone as soon as the discharger, or the discharger's agents, have knowledge of the non-compliance. Verbal notification shall be confirmed by written notification within two weeks. Written notification shall include information regarding the cause of the non-compliance, and the steps taken to bring the system back into compliance.

6. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.
7. The discharger shall permit the Board or its authorized representative, in accordance with California Water Code Section 13267(c):
 - a. Entry upon premises in which wastewater facilities are operated or maintained, or in which any required records are kept.
 - b. Access to copy records required to be kept under terms and conditions of this Order.
 - c. Inspection of any monitoring equipment or method required by this Order.
 - d. Sampling of any stored or discharged wastewater.
8. The discharger shall file with the Board a report of waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.
9. The Board shall review this Order periodically and may revise the requirements when necessary.

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on April 19, 1989.


Steven R. Ritchie
Executive Officer

Attachments: Self Monitoring Program
Maps

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

AUBERGE DU SOLEIL

RUTHERFORD

NAPA COUNTY

ORDER NO. 89-048

CONSISTS OF

PART A

PART A

I. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by the Regional Board.
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

II. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSIS AND OBSERVATIONS

A. Pond Influent

Monthly, determine average daily flow, in gallons per day, of wastewater entering the treatment pond system.

B. Aeration Ponds

At any point on the surface of each pond, representative of the wastewater:

1. Monthly, determine dissolved oxygen (D.O.) concentration, mg/l. If D.O. is less than 2.0 mg/l, sample for dissolved sulfide.
2. Monthly, determine pH.
3. Weekly, perform standard observations along perimeter of each pond:
 - a. Evidence of leaching liquid from pond perimeter dike and estimated size of affected area. (Show affected area on a sketch)
 - b. Odor: presence or absence, characterization, source and distance of travel.
 - c. Estimated number of waterfowl and other water associated birds in the ponds and vicinity.
 - d. Determine freeboard, in inches, for each pond: from the water surface to the lowest point in pond perimeter dike.

C. Pond Effluent

At any point in the pond effluent before the point of discharge to the spray disposal site.

1. Monthly, determine Biochemical Oxygen Demand (BOD, 5-day, 20°C) concentration, mg/l.
2. Monthly, determine Dissolved Oxygen (D.O.) concentration, mg/l. If D.O. is less than 2.0 mg/l, sample for Dissolved Sulfides.
3. Monthly, determine Settleable Matter concentration, ml/l-hr.
4. Daily, observe weather condition:
 - a. Wind - direction and estimated velocity.
 - b. Precipitation - total precipitation during the day.
5. Daily, determine total waste flow, in gallons, discharged to spray disposal site.

D. Spray Disposal Area

Weekly, perform standard observations along the perimeter of spray disposal area:

1. Evidence of surface runoff from disposal site into areas other than the drainage ditch. (Show affected area on a sketch)
2. Odor: presence or absence, characterization, source and distance of travel.
3. Evidence of wastewater ponding.

III. REPORT TO BE FILED WITH THE REGIONAL BOARD

1. Violations of Requirements

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) maintenance work, power failures, or breakdown of waste treatment equipment, or
- (b) accidents caused by human error or negligence, or
- (c) other causes such as acts of nature,

the discharger shall notify the Regional Board office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within to weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problem from recurring.

In addition, if the non-compliance caused by items (a), (b) or (c), above is with respect to any of the effluent limits, the waste discharger shall promptly accelerate his monitoring program to analyze the discharge at least once every day for those constituents which have been violated. Such daily analyses shall continue until such time as the effluent limits have been attained, or until such time as the Executive Officer determines to be appropriate. The results of such monitoring shall be included in the regular Self-Monitoring Reports.

2. Bypass Reports

Bypass reporting shall be an integral part of regular monitoring program reporting and a report on bypassing of untreated waste or bypassing of any ponded water shall be made which will include cause, time and date, duration and estimated volume of waste bypassed, method used in eliminating volume, and persons (including Napa County Health) notified, for planned and/or unplanned bypasses. Notification to the Regional Board shall be made immediately by phone, followed by written correspondence within 15 days if a bypass occurs.

The discharger shall file a written technical report at least 15 days prior to advertising for bid on any construction project which would cause or aggravate the discharge of waste in violation of requirements; said report shall describe the nature, costs, and scheduling of all action necessary to preclude such discharge.

3. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar month and submitted by the fifteenth day of the following month. The reports shall be comprised of the following:

a. Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past months and actions taken or planned for correcting violations, such as plant operation modifications and/or plant facilities expansion. If the discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

b. Data Results

All results observed or analyzed in II.A, B, C, and D., including copies of written results provided to the discharger from certified laboratories.

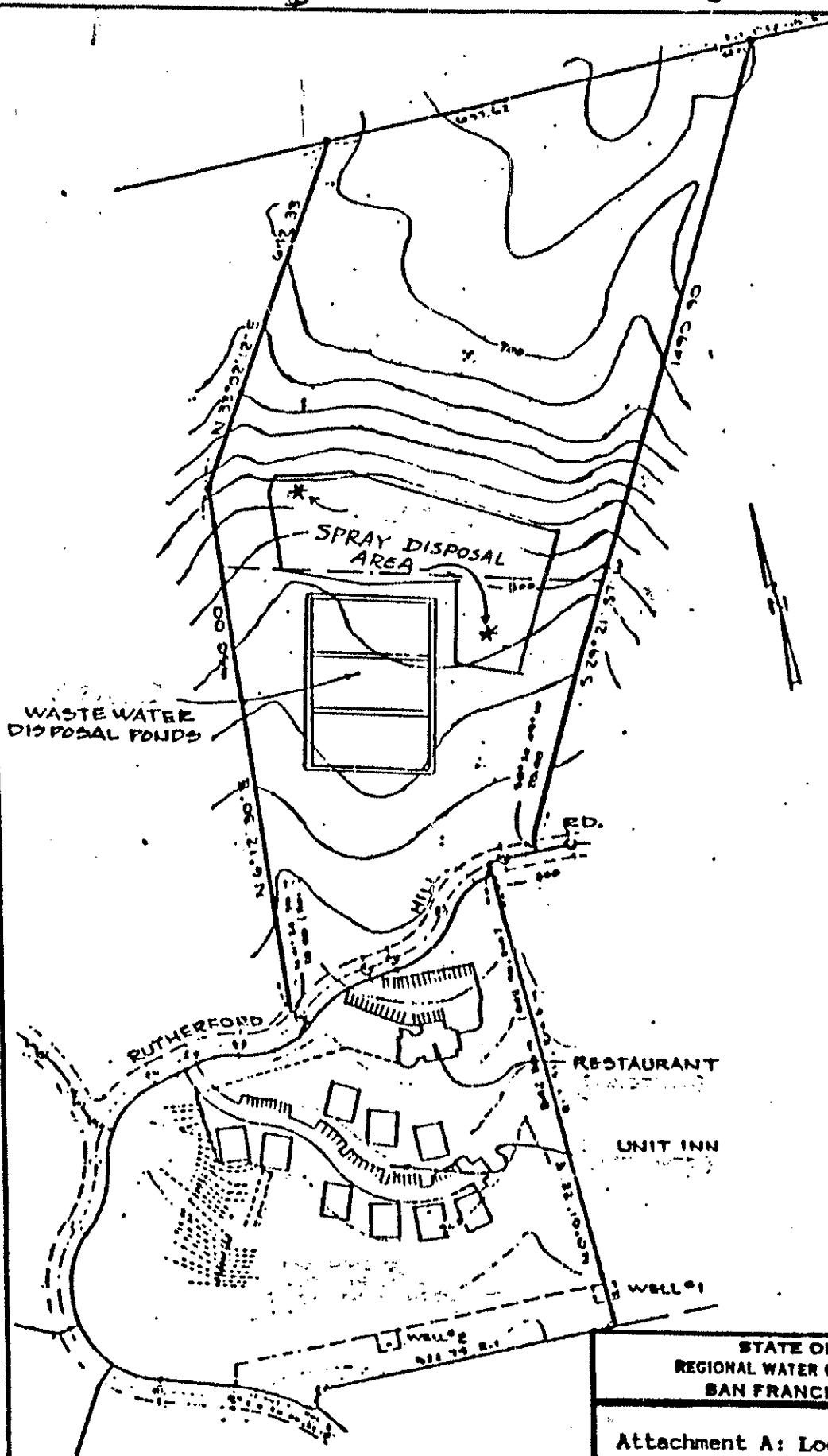
I, Steven R. Ritchie, Executive Officer, do hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 89-048.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions may be ordered by the Regional Board.


Steven R. Ritchie
Executive Officer

Effective Date

4/19/89



STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

Attachment A: Location Map,
Auberge du Soleil,
Rutherford,
Napa County